

163 Rec'd PCT/PTO 08 DEC 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 009992.00003
INTERNATIONAL APPLICATION NO. PCT/IE2004/000048	INTERNATIONAL FILING DATE 29-Mar-04	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/551,008
TITLE OF INVENTION AN APPARATUS FOR MEASURING AN A.C. CURRENT IN A CABLE		
APPLICANT(S) FOR DO/EO/US Thomas SORENSEN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/551,008		INTERNATIONAL APPLICATION NO. PCT/IE2004/000048		ATTORNEY'S DOCKET NUMBER 009992.00003	
20. <input type="checkbox"/> Other items or information:					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500				\$	
TOTAL OF 21, 22 and 23 =				0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	/50 =			x \$250	\$
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	16	- 20 = 0	x \$ 50	\$	
Independent claims	1	- 3 = 0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
				SUBTOTAL =	\$ 65.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
				TOTAL NATIONAL FEE =	\$ 65.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				TOTAL FEES ENCLOSED =	\$ 65.00
				Amount to be refunded:	\$
				Amount to be charged	\$

12/14/2005 ATRAN1 00000162 10551008

01 FC:2617

65.00 0?

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. A check in the amount of \$ 65.00 to cover the above fees is enclosed.
 - b. Please charge my Deposit Account No. 50-1479 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
 - c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1479. A duplicate copy of this sheet is enclosed.
 - d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Whiteford, Taylor & Preston LLP
Seven St. Paul Street
Baltimore, MD 21202-1626



SIGNATURE
Jeffrey C. Maynard

NAME
46,208

REGISTRATION NUMBER

**WHITEFORD, TAYLOR & PRESTON
L.L.P.**

210 WEST PENNSYLVANIA AVENUE
TOWSON, MARYLAND 21204-4515
TELEPHONE 410 832-2000
FAX 410 832-2015

20 COLUMBIA CORPORATE CENTER
10420 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044-3528
TELEPHONE 410 884-0700
FAX 410 884-0719

SEVEN SAINT PAUL STREET
BALTIMORE, MARYLAND 21202-1626

410 347-8700
FAX 410-234-2324
www.wtplaw.com

1025 CONNECTICUT AVENUE, NW
WASHINGTON, D.C. 20036-5405
TELEPHONE 202 659-6800
FAX 202 331-0573

115 ORONOCO STREET
ALEXANDRIA, VIRGINIA 22314-1685
TELEPHONE 703 836-5742
FAX 703 836-3558

JEFFREY C. MAYNARD
DIRECT NUMBER
410-347-9496
jmaynard@wtplaw.com

December 8, 2005

VIA EXPRESS MAIL NO.: ER 052429719 US

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**Re: U.S. National Phase Application of PCT International Application No.
PCT/IE2004/000048 of SORENSEN, Thomas for his "AN
APPARATUS FOR MEASURING AN A.C. CURRENT IN A
CABLE"; Serial No.: 10/551,008; Filed: September 27, 2005
Our Docket No. 009992/00003**

Honorable Commissioner:

Transmitted herewith for filing in the above-referenced U.S. National Phase Application Serial No. 10/551,008 enclosed please find:

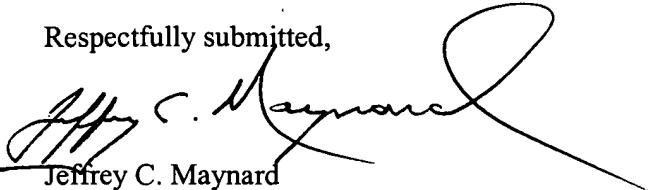
1. Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (3 pages).
2. Combined Declaration and Power of Attorney (Submitted after Initial Filing) (2 pages total).
3. Our check in the amount of \$65.00 to cover the fee for late filing of oath or declaration surcharge (small entity).
4. Our post card. Please date stamp and return.

Applicant hereby asserts that it is entitled to claim Small Entity Status.

Please associate this application with Customer Number 25223, and send all correspondence in connection with this application to the correspondence address associated therewith.

Please charge any unanticipated fees, or credit any overpayment, to our Deposit Account No.: 50-1479 (a duplicate copy of this charge authorization is attached).

Respectfully submitted,



Jeffrey C. Maynard
Reg. No. 46,208

Enclosures

Commissioner for Patents

December 8, 2005

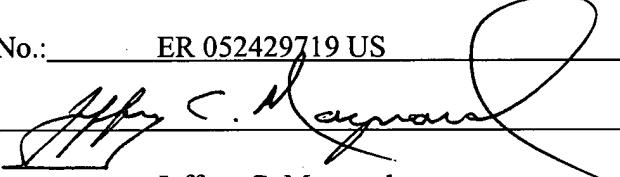
Page 2

CERTIFICATE OF EXPRESS MAILING

I HEREBY CERTIFY that the above-referenced documents relating to Application Serial No. 10/551,008 for AN APPARATUS FOR MEASURING A.C. CURRENT IN A CABLE are being deposited with the United States Postal Service as Express Mail Post Office to Addressee on the date indicated below and in an envelope addressed to:

Mail Stop: PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Label No.: ER 052429719 US

By: 

Print Name: Jeffrey C. Maynard

Date: December 8, 2005

1653760